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ABSTRACT OF THE DISCLOSURE

5 A protective agent 6 for protecting a wiring 1 is
dispersed and placed in mottle-like on an interface between a
via 3 and a wiring layer 2. Then, each dimension of interface
regions 7 where the protective agent 6 does not exist is set
to such a size that a plurality of conductive powders 4
constituting the via 3 can abutted on the wiring layer 2.
Therefore, the plurality of conductive powders 4 and the wiring
10 layer 2 are abutted each other in each interface region 7 where
the protective agent 6 does not exist to electrically connect,
thereby stabilizing the connection resistance for a prolonged
period of time.

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